

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,039,184 B2
APPLICATION NO. : 10/790045
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INVENTOR(S) : Sano et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

column 16, line 51, change "Substitution" to --substitution--.

column 16, line 67, change "(one bi)" to --(one bit)--.

column 17, line 7, change "computer readable" to --computer-readable--.

column 17, line 9, change "permutation second," to --permutation section,--.

column 17, line 10, change "in inverse" to --an inverse--.

column 17, line 11, change "permutation second," to --permutation section,--.

Signed and Sealed this

First Day of August, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office